

ABSTRACT

In a toroidal-type continuously variable transmission according to the present invention, rolling contact portions of an input disc 4, an output disc 7, and roller 13 are formed of bearing steel, which contains C: 0.8-1.5 wt %; Si: 0.5-2.5 wt %; Mn: 0.3-2.0 wt %; Cr: 1.9-2.5 wt %; Mo: 0.3-1.0 wt %; and a total of 1.0 wt % or more of Si and Mo; with the balance being iron and unavoidable impurities. A residual austenite in a range of depth $Z = 1.0L$, where L is the major axis of a contact ellipse of the traction contact portion, from the surface of the rolling contact portion is 15 wt % or less, and the hardness of the range is HRC 58-62 by tempering a blank with a predetermined shape at a temperature of 250 °C or more after quenching the blank.